

Release notes for ENDF/B Development e-055-Cs_000
evaluation

ENDF
B-VII.dev

October 13, 2016

- fudge-4.0 Warnings:

1. Mislabelled emitted particle
Reading ENDF file: ../e-055-Cs_000.endf (Error # 0): ZAP messed up

WARNING: photon most likely labelled as an electron (ZAP = 11), converting to ZAP = 0
2. FIXME: Generic fudge unimplemented message
reaction label 1: e- + Cs + gamma [bremsstrahlung] / Product: e- (Error # 0): Generic unimp (c)

WARNING: Checking not yet implemented for energyLoss type data
3. FIXME: Generic fudge unimplemented message
reaction label 2: e- + Cs [excitation] / Product: e- (Error # 0): Generic unimp (c)

WARNING: Checking not yet implemented for energyLoss type data

- fudge-4.0 Errors:

1. Calculated and tabulated thresholds don't agree
reaction label 0: e- + Cs [large angle Coulomb scattering] / Cross section: (Error # 0): Threshold mismatch

WARNING: Calculated and tabulated thresholds disagree: 1.e-5 eV vs 10. eV!
2. Calculated and tabulated thresholds don't agree
reaction label 1: e- + Cs + gamma [bremsstrahlung] / Cross section: (Error # 0): Threshold mismatch

WARNING: Calculated and tabulated thresholds disagree: 1.e-5 eV vs 10. eV!
3. Calculated and tabulated thresholds don't agree
reaction label 2: e- + Cs [excitation] / Cross section: (Error # 0): Threshold mismatch

WARNING: Calculated and tabulated thresholds disagree: 1.e-5 eV vs 10. eV!
4. Calculated and tabulated thresholds don't agree
reaction label 3: e- + e- + Cs1s1/2 / Cross section: (Error # 0): Threshold mismatch

WARNING: Calculated and tabulated thresholds disagree: 1.e-5 eV vs 35985. eV!
5. Calculated and tabulated thresholds don't agree
reaction label 4: e- + e- + Cs2s1/2 / Cross section: (Error # 0): Threshold mismatch

WARNING: Calculated and tabulated thresholds disagree: 1.e-5 eV vs 5684.9 eV!
6. Calculated and tabulated thresholds don't agree
reaction label 5: e- + e- + Cs2p1/2 / Cross section: (Error # 0): Threshold mismatch

WARNING: Calculated and tabulated thresholds disagree: 1.e-5 eV vs 5363.2 eV!
7. Calculated and tabulated thresholds don't agree
reaction label 6: e- + e- + Cs2p3/2 / Cross section: (Error # 0): Threshold mismatch

- WARNING: Calculated and tabulated thresholds disagree: 1.e-5 eV vs 5006.1 eV!
8. Calculated and tabulated thresholds don't agree
reaction label 7: $e^- + e^- + Cs3s1/2$ / Cross section: (Error # 0): Threshold mismatch
- WARNING: Calculated and tabulated thresholds disagree: 1.e-5 eV vs 1196.4 eV!
9. Calculated and tabulated thresholds don't agree
reaction label 8: $e^- + e^- + Cs3p1/2$ / Cross section: (Error # 0): Threshold mismatch
- WARNING: Calculated and tabulated thresholds disagree: 1.e-5 eV vs 1059.5 eV!
10. Calculated and tabulated thresholds don't agree
reaction label 9: $e^- + e^- + Cs3p3/2$ / Cross section: (Error # 0): Threshold mismatch
- WARNING: Calculated and tabulated thresholds disagree: 1.e-5 eV vs 990.6799999999999 eV!
11. Calculated and tabulated thresholds don't agree
reaction label 10: $e^- + e^- + Cs3d3/2$ / Cross section: (Error # 0): Threshold mismatch
- WARNING: Calculated and tabulated thresholds disagree: 1.e-5 eV vs 747.7 eV!
12. Calculated and tabulated thresholds don't agree
reaction label 11: $e^- + e^- + Cs3d5/2$ / Cross section: (Error # 0): Threshold mismatch
- WARNING: Calculated and tabulated thresholds disagree: 1.e-5 eV vs 732.98 eV!
13. Calculated and tabulated thresholds don't agree
reaction label 12: $e^- + e^- + Cs4s1/2$ / Cross section: (Error # 0): Threshold mismatch
- WARNING: Calculated and tabulated thresholds disagree: 1.e-5 eV vs 231.86 eV!
14. Calculated and tabulated thresholds don't agree
reaction label 13: $e^- + e^- + Cs4p1/2$ / Cross section: (Error # 0): Threshold mismatch
- WARNING: Calculated and tabulated thresholds disagree: 1.e-5 eV vs 181.97 eV!
15. Calculated and tabulated thresholds don't agree
reaction label 14: $e^- + e^- + Cs4p3/2$ / Cross section: (Error # 0): Threshold mismatch
- WARNING: Calculated and tabulated thresholds disagree: 1.e-5 eV vs 167.76 eV!
16. Calculated and tabulated thresholds don't agree
reaction label 15: $e^- + e^- + Cs4d3/2$ / Cross section: (Error # 0): Threshold mismatch
- WARNING: Calculated and tabulated thresholds disagree: 1.e-5 eV vs 85.61 eV!
17. Calculated and tabulated thresholds don't agree
reaction label 16: $e^- + e^- + Cs4d5/2$ / Cross section: (Error # 0): Threshold mismatch
- WARNING: Calculated and tabulated thresholds disagree: 1.e-5 eV vs 83.23999999999999 eV!
18. Calculated and tabulated thresholds don't agree
reaction label 17: $e^- + e^- + Cs5s1/2$ / Cross section: (Error # 0): Threshold mismatch
- WARNING: Calculated and tabulated thresholds disagree: 1.e-5 eV vs 30.97 eV!

19. Calculated and tabulated thresholds don't agree
reaction label 18: $e^- + e^- + Cs5p1/2$ / Cross section: (Error # 0): Threshold mismatch

WARNING: Calculated and tabulated thresholds disagree: 1.e-5 eV vs 18.27 eV!

20. Calculated and tabulated thresholds don't agree
reaction label 19: $e^- + e^- + Cs5p3/2$ / Cross section: (Error # 0): Threshold mismatch

WARNING: Calculated and tabulated thresholds disagree: 1.e-5 eV vs 16.43 eV!

21. Calculated and tabulated thresholds don't agree
reaction label 20: $e^- + e^- + Cs6s1/2$ / Cross section: (Error # 0): Threshold mismatch

WARNING: Calculated and tabulated thresholds disagree: 1.e-5 eV vs 3.69 eV!

● xsectplotter Warnings:

1. Mislabeled emitted particle
Error: ZAP messed up

stderr while processing crossSection

WARNING: photon most likely labelled as an electron (ZAP = 11), converting to ZAP = 0
... [4 more lines]